

Service Guide - Centrifugal Compressors

HMP is your partner for complete overhauls, repairs, reconditioning, upgrades, revamps and relocations of centrifugal compressors, both on site as well as in one of our workshops.



Product Range

- Axial compressors
- Radial compressors – splitline and barrel type
- Screw compressors
- Bull gear type compressors / integrally geared compressors

Brands Served

- | | |
|----------------|---------------|
| • Atlas Copco | MAN Turbo |
| • Borsig | Mitsubishi |
| • Dresser Rand | Nuovo Pignone |
| • DEMAG | Siemens |
| • Elliott | Stork Delaval |
| • Hitachi | Sulzer |
| • Howden | Thomassen |

Service Packages

The range of services that we provide for centrifugal compressors allow you to benefit from the expertise and skills developed by the workshops and field service teams.

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|--------------------------|-----------------------|
| • 24 – hour service | Upgrades |
| • Relocations | Overhauls |
| • Service agreements | Repairs |
| • Partnership agreements | Engineering |
| • Condition monitoring | Parts supply |
| • Used machinery | Field service |
| • Technical consultancy | Re-rates and de-rates |



MAINTENANCE
PARTNERS
by **Howden**



Workshop Activities

- Complete overhauls of centrifugal compressors
- Destacking of compressor rotor
- Rotor repairs
- Repairs of impeller and diaphragm vanes
- Parts supply by reverse engineering or supplied by OEM
- Low speed balancing
- High speed balancing
- Impeller spin test
- Coating application on impellers for corrosion protection, reduction of fouling rate, very smooth surface resulting in an increased efficiency
- Adapting condition monitoring systems

Engineering

- Upgrades
- Re-rating
- De-rating
- Revamps

Field Service

- Minor and Major overhauls of turbo compressors
- Provision of Supervisors, technicians and mechanics required to perform the activities
- Turnkey jobs
- Toolcontainers
- Troubleshooting
- Emergency interventions